

**State of California**  
Department of Food and Agriculture  
Division of Measurement Standards

Certificate Number: 5280-01

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***California Type Evaluation Program***  
***Certificate of Approval***  
***for Water Dispensers***

For:

Water Vending Dispenser  
(Coin-Operated)

Model: RO2418-T (Single or Double Unit)

Submitted by:

Water For Less  
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**Standard Features and Options**

- One, two, three, and five gallon vends
- Cash/coin acceptor
- Customer dispense initiation button

**NOTE:** Money-operated type devices shall clearly and conspicuously display adequate information detailing the method for the return of monies paid when the product or services cannot be obtained. This information shall include the name, address, and telephone number of the local servicing agency for the device.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: September 6, 2001

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Mike Cleary, Director

**Water For Less  
Water Vending Dispenser  
Model: R02418-T**

**Application:** For use as a retail water vending dispenser to dispense water for domestic purposes, customarily at public locations.

**Identification:** The identification badge is located on the top left hand corner of the dispenser cabinet.

**Sealing:** The meter calibration mechanism is located in a wire sealable housing inside the dispenser cabinet.

**Operation:** This device is a coin value vending dispenser designed to deliver water in single, uninterrupted quantities of one, two, three, and five gallons. Delivered volume is regulated by a non-adjustable Gems Sensors brand, FT-110 Series, turbine flow rate sensor. The meter's output signal is a square wave signal whose frequency varies linearly with flow rate. This unit's control system is manufactured by Advanced Electronic Products, Inc.

A display indicates the amount required to activate a product select button and start delivery. An indicator displays the cumulative amount of coin value deposited. When change cannot be made for over deposits, a lighted indicator reflects "correct change" must be used. When product is not available, a lighted indicator reflects the "sold out" condition for which dispensing is not allowed.

**Test Conditions:** A single unit Model RO2418-T water dispenser was installed and tested at a field location for the evaluation. The dispenser was tested at one, two, three, and five gallon vends initially for accuracy and repeatability. The dispenser was also tested with various coin denominations and identification requirements were reviewed. The meter was sealed and the dispenser was placed in service for approximately 60 days and over 2000 gallons of throughput. The same accuracy tests were repeated, and the deliveries were found to be in tolerance.

Results of the evaluation indicate the device complies with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2001 Edition

**Tested By:** Dan Reiswig (CA)